

## CLAIM AMENDMENTS

1           1. (currently amended) A ~~device for~~ method of measuring  
2 and/or establishing sensory disorders ~~especially neuropathies,~~  
3 ~~characterized in that at least one device (2) directs~~ comprising  
4 the steps of:

5           directing an air stream [(10)] from a device onto a  
6 measuring point [(4)] on the body of a ~~living organism,~~  
7 ~~especially a~~ person to influence the thermal sensitivity during a  
8 measurement process, ~~whereby~~

9           correlating the thermal sensitivity and/or a change in  
10 the thermal sensitivity ~~is correlated~~ with a perceived temperature  
11 and [(for)]

12           determining the perceived temperature before and/or  
13 during the measurement process by detecting and evaluating at least  
14 one parameter of the environment and/or the living organism ~~is~~  
15 ~~detected and evaluated.~~

1           2. (currently amended) The method according to claim 1  
2 ~~characterized in that the measurement is effected with a constant~~  
3 wherein the air stream [(10)] is constant and a ~~variable~~ spacing  
4 between the device [(2)] and the measurement point [(4)] is  
5 varied.

1           3. (currently amended) The device according to claim 1  
2 ~~characterized in that the measurement is effected by means of a~~  
3 ~~variable~~ wherein the air stream ~~[[ (10) ]]~~ is varied and ~~[[ at ]]~~ a  
4 constant spacing is maintained between the device ~~[[ (2) ]]~~ and the  
5 measuring point ~~[[ (4) ]]~~.

1           4. (currently amended) The method according to claim 1  
2 ~~characterized in that~~ wherein a spacing between the device and the  
3 measuring point is determined optically by the device ~~[[ and ]]~~ by  
4 the superimposition of three light beams.

1           5. (currently amended) The method according to claim 1,  
2 ~~characterized in that~~ wherein in the determination of the perceived  
3 temperature at least one of the parameters ~~[[ : ]]~~ is ambient-air  
4 temperature, air moisture content, skin temperature or skin  
5 moisture ~~is used as an input~~.

1           6. (currently amended) A device for the measurement  
2 and/or determination of sensory disorders, ~~especially neuropathies,~~  
3 ~~characterized in that the device has~~ , the device comprising  
4 means for producing an air stream ~~which is directed and~~  
5 directing it against a measuring point on the body of the living  
6 organism, and has  
7 an external or internal sensor with which at least one  
8 environmental parameter or parameter of the living organism is

9 measurable and which ~~is involved in the determination of~~ determines  
10 a perceived temperature at the measuring point.

1 7. (currently amended) The device according to claim 6  
2 ~~characterized in that at least one of the parameters wherein the~~  
3 sensor can measure air temperature, air humidity, skin temperature,  
4 or skin moisture ~~is measurable by a sensor.~~

1 8. (currently amended)) The device according to claim 3  
2 ~~characterized in that wherein~~ the air stream is variably adjustable  
3 or controllable and ~~especially~~ such that an air velocity can be set  
4 and/or a volume stream can be adjusted ~~in the determination of~~ to  
5 determine the perceived temperature.

1 9. (currently amended) The device according to claim 3,  
2 further comprising ~~characterized in that it includes~~  
3 \_\_\_\_\_ means for determining and/or indicating and/or storing a  
4 perceived temperature.

1 10.(currently amended) The device according to claim 3,  
2 further comprising ~~characterized in that it includes~~  
3 \_\_\_\_\_ means for adjusting a desired spacing between the device  
4 and the measuring point.

1           11. (currently amended) The device according to claim  
2   10, further comprising ~~characterized in that the light sources~~  
3   comprise

4           light-emitting diodes or laser diodes whose light beams  
5   intersect at a predetermined spacing from the device.

1           12. (new) A method of evaluating threshold skin  
2   sensitivity comprising the steps of:

3           directing an air stream having a humidity parameter, a  
4   spacing parameter, a temperature parameter, and a flow-rate  
5   parameter at a skin surface of a subject being tested;

6           monitoring all of the parameters; and

7           changing only one of the parameters while determining  
8   from the subject when the air stream starts to be felt or can no  
9   longer be felt.